4th and part Bill

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:- Improvements to Roads, drains, footpath and parks in ward no. 8 (package includes 11 works of 10 cr)						
	Est. cost:- Rs 10.10 cr						
	W.O.NO:- CE(BTP) MS/20/17-18					21 1/17	
	Contractor:- M/s Harshik Enterprises						
	A.S NO:- Govt order no/MA&UD/523/2016, W.No.8/2017					26 9/17	
	T.S. NO:- NO/TS/CE/VNK/154 to 164/2016-17					4 3/17	
	Date of Recording:- 2/07/2018						

M. A. R. 5
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...ial No. .....
...ne of Work ..... From.....
...ne of Contractor of nature of Agency .....
...e of commencement of work .....

e	Full description, etc, of work	Number	Le
	2	3	
no (1)	Dismantling of existing ... concrete ... by mechanical ...		
	... qty vide MB ... of enclosed Excel ... previous ...		
		CR 488.8	

ENT BOOK

Dimensions			Contents	Refere to la Measure
ngth 4	Breadth 5	Depth 6	7	8
ks th Roads. drains, footpath				
ing waved no. 8 (package incl				
f 10-10 cm)				
/17-18	21 1/17			
k Enterprises				
84 523/a30, w.e.f. 1/2017				26 9/17
54 to 164 / 2016-17				4 3/17
07/2018				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

357253

No. ..... From ..... To .....

e of Work .....

e of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
(1) Dismantling of existing streets						
carpet carried by mechanical mean						
qty vide MB sheet no (1)					25.03 m³	
of enclosed excel sheet					33.20	
previous qty					-	
Total qty					58.23 m³	
present qty					25.03 m³	
@ Rs 488.86/m³						Rs 12236.00
						Total Rs 58,91,867.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
'Ino	④ Removing and refixing of stone slabs of dressed						
	Qty vide MB sheet no ④ of enclosed Excel sheet					- 603.50 m²	
	previous qty					6171.19 m²	
					Total qty.	6774.69 m²	
	previous qty to be paid					603.50 m²	
	@ Rs 84.48/m²					Rs 50,983/-	

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I No. .....
e of Work ..... From....
e of Contractor of nature of Agency .....
of commencement of work .....

Full description, etc, of work	Number
2	3
⑤ Removing and Re	
footpath slabs	
Qty vide r	
& enclosed exc	
previ	
pric	
@ Rs.138.	

EMENT BOOK

Dimensions			Contents	Refere to la Measure
Length 4	Breadth 5	Depth 6	7	8
ng of stone				
sheet no ④			- 603.50 m²	
cal sheet				
y qty	—		6171.19 m²	
Total qty.			6774.69 m²	
qty to be paid			603.50 m²	
				R 50,983.20
48/m²				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357254

No. ..... From ..... To .....
e of Work .....
e of Contractor of nature of Agency .....
of commencement of work .....

Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
③ Removing and Refixing of foot path Slabs						
qty side mgr sheet no ⑤					272.70 m²	
of Enclosed excal sheet.					1358.61	
previous qty —					1631.31 m²	
Total qty					272.70 m²	
present qty —						
@ 138.94/m²						R 37,888.10

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Sno (9)	Earthwork excavation by manual means in ordinary soil —						
	qty vide msr sheet no (10) of enclosed excel sheet					975.47 m³	
	previous qty —					5260.73 —	
	Total qty					6236.2 m³	
	present qty -					975.47 m³	
	@ Rs 202.30/m³					Rs 1,97,337.0	

M. A. R. 57
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e of Work ..... From.....
e of Contractor of nature of Agency .....
of commencement of work .....

Full description, etc, of work	Number	Leng
2	3	4
(8) providing and pcc q m	p 1:3:6	laying 2 40mm
qty vide msr q enclosed excel		
	prev	
	pres	
@ Rs 5608.71/		

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
by measurement				
—				
sh sheet no (10)			975.47 m³	
el sheet				
ous qty —			5260.73 —	
Total qty			6236.20 m³	
sent qty -			975.47 m³	
0/m³				Rs 97337-0

M. A. R. 57 (Rule 116)
Measurement Book

No. B
357255

No. .....
e of Work ..... From..... To.....
e of Contractor of nature of Agency .....
of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
(5) providing and laying in position pcc grade 1:3:6 40mm Jelly —						
qty vide mbr sheet no (12)					- 55.39 m³	
enclosed excel sheet.						
previous qty -					333.20 m³	
Total qty					388.59 m³	
present qty -					55.39 m³	
@ Rs 5608-71/m³						Rs 3,10,666-00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	providing and laying reinforced cement Concrete for Box drain m-20						
	Qty vide mst sheet no (14)					135.29 m³	
	of enclosed excel sheet						
	previous Qty -					638.70 m³	
	Total Qty					773.99 m³	
	present Qty -					135.29 m³	
	@ Rs 11568.66/m³					Rs 15,65,124/-	

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e of commencement of work .....

e	Full description, etc, of work	Num
		2	3
	providing Tmt St for Rce works -	
	Qty vide	

EMENT BOOK

Dimensions			Contents	Refere to las Measure
Length 4	Breadth 5	Depth 6	7	8
ng reinforced				
drain m·20				
msr sheet no (16)			135.29 m³	
kel sheet				
revious qty -			638.70 m³	
Total qty			773.99 m³	
resent qty -			135.29 m³	
56/m³			Rs 1,56,5,124.40	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357256

l No. .....
e of Work ..... From..... To.....
e of Contractor of nature of Agency .....
of commencement of work .....

	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	(10) providing TMT Steel reinforcement for RCC works -						
	qty vide msr sheet no (14)					7.69 MT	
	previous qty -					39.68 MT	
	Total qty					47.37 MT	
	present qty.					7.69 MT	
	@ Rs 62300.47/MT						Rs 4,79,090.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measured
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Inv. (11)	providing granite slabs of selected quality of 10cm thick qty vide mst sheet no (17) of enclosed excel sheet					150.80 m²	
	previous qty.					1706.01 m²	
	Total qty					1856.81 m²	
	present qty -					150.80 m²	
	@ Rs 867.87/m²					Rs 130874-00	

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...me of Work .....
...me of Contractor of nature of Agency .....
...e of commencement of work .....

te	Full description, etc, of work	Numbe
	2	3
...ty (4)	providing and Gra... ...es finishing its 146 cm qty vide of enclosed e	
		@R. 4

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
als of select-				
s thick				
ot sheet no (17)			150.80 m²	
cel sheet				
evious qty.			1706.01 m²	
		Total qty	1856.81 m²	
less present qty -			150.80 m²	
			R 130874.00	
7.87/m²				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357257

...al No. .....
...me of Work ..... From..... To.....
...me of Contractor of nature of Agency .....
...e of commencement of work .....

Item	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	providing and Constructing GSB m cus fondn ths 146 cm						
	qty vide mor sheet no (18)					15.55 cum	
	of enclosed Excel sheet					90.68 m²	
	previous qty -					106.24 cum	
	Total qty					15.55 cum	
	present qty.						R 72,368.00
	@R. 4653.92/m³						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Inv. (16)	providing flush pointing with cm 1:3						
	Sty side mor sheet no (19)						
	of enclosed excel sheet					22.80 m²	
	previous Sty					237.22	
	Total Sty					260.02 m²	
	present Sty					22.80 m²	
	@ Rs 107.82/m²					Rs 2,458-00	

te	Full description, etc, of work	Nu
	2	
no (17)	providing and pcc g mix 1:2:4 Sty side of enclos	2
	@ Rs 6	

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
...ching with				
...str sheet no (19)				
...cal sheet -			22.80 m²	
previous qty			237.22	
To total qty			260.02 m²	
present qty -			22.80 m²	
...82/m²			Rs 2,458-00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

357258

...al No. .....
...e of Work ..... From..... To.....
...e of Contractor of nature of Agency .....
... of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
(17) providing and laying in position pcc grade M15 1:2:4 20mm Jelly qty vide mst sheet no (20)					12.66 m³	
ferrocast cycle sheet -					50.84	
previous qty -					63.50 m³	
Total qty					12.66 m³	
present qty -						
@ Rs 6047.72/m³						Rs 76,584-00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(20) providing and fixing Precast RCC Slab of 100 mm thick -						
	qty wide mst sheet no (21) (21) of enclosed typical sheet -					300.42 m²	
	previous qty					1563.15	
	Total qty					1863.57 m²	
	present qty -					300.42 m²	
	@ Rs 1780.54/m²					Rs 534,903	

al No. .....

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e of commencement of work .....

e	Full description, etc, of work	Num
	2	3
	(21) providing and f	
	Cover Slab of 250 mm	
	qty wid	
	of enclos	

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
Precast				
- RCC Slab				
(21)				
sheet no (21)				
cel sheet -			300.42m²	
eveous qty			1563.15	
Total qty			1863.57m²	
sent qty -			300.42m²	
54/m²			Rs 34,903	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

357259

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	30.(21) providing and fixing Rce pre-cast						
	Cover slab of 250mm thick						
	qty vide rest sheet no (22)					167.70m²	
	of enclosed excel sheet.					224.55	
	previous qty -						
	Total qty					392.25m²	
	present qty -					167.70m²	
	CR 4995.55/m²						Rs 83,730-00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3no (25)	Excavation for road work cum 5051 with hydraulic excavator -						
	qty vide mst sheet no (23) of enclosed excal sheet					35.58m³	
	previous qty -					1388.69 -	
	Total qty					1424.26m³	
	present qty -					35.58m³	
						Rs 5773.00	
	@ Rs 162.28/m³						

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rial No. .....

me of Work .....

me of Contractor of nature of Agency .....

te of commencement of work .....

ite	Full description, etc, of work	Nur
	2	
o (26)	providing laying/	
	Compacting stone aggr	
	qty vide	
	of enclosed	
	@	

CR 16

ASUREMENT BOOK

	Dimensions			Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
nd work c/s Sn51 excavation -						
wide mst sheet no (23)					35.58 m³	
excal sheet					1388.69 -	
previous qty -					1424.26 m³	
Total qty					35.58 m³	
present qty -					Rs 5773.00	
@ Rs 162.28/m³						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

357260

al No. .....

e of Work ..... From..... To.....

e of Contractor of nature of Agency .....

of commencement of work .....

	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(26)	providing lifting spreading and Compacting stone aggr (WMM Spn)						
	qty wide mst sheet no (24)						
	of enclosed excal sheet -					48.13 m³	
	previous qty -					1087.12 -	
	Total qty					1135.25 m³	
	present qty.					48.13 m³	
	@ Rs 1654.01/m³						Rs 89,233.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item (27) providing and applying primer coat with SS bitumen emulsion @ Rs 28.90/m²						
	Qty vide MB sheet no (25) of enclosed excel sheet -					50.20 m²	
	previous qty -					4421.85	
	Total qty					4472.05 m²	
	present qty -					50.20 m²	
						Rs	1450.00

M.

rial No. .....

me of Work ..... F

me of Contractor of nature of Agency .....

te of commencement of work .....

ate	Full description, etc, of work	Num
	2	3
	(28) Cleaning the exi	
	topped surface -	
	Qty vide	
	of enclosed	
		@ Rs 3.3

REMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
pping primer coat					
ulsion –					
mer sheet no (25)					
excel sheet -				50.20 m²	
previous qty -				4421.85	
Total qty				4472.05 m²	
present qty -				50.20 m²	
				Rs 1450.00	
8.90/m²					

M. A. R. 57 (Rule 116)
Measurement Book

No. B

357261

ial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(28)	Cleaning the existing black topped surface –						
	qty vide mer sheet no (28) of enclosed excel sheet :					3493.14 m²	
	previous qty -					26813.86	
	Total qty					30307.0 m²	
	present qty -					3493.14 m²	
	@ 3.33/m²					Rs 11632.70	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3no (29)	providing and applying tack coat using 60/100 grade bitumen -						
	qty wide mastsheet no (32)						
	fandos-d excel sheet -					4550.74 m²	
	previous qty -					46152.42	
	Total qty					50703.16 m²	
	present qty -					4550.74 m²	
	@ Rs 12.23/m²					Rs 55655.05	

M. A. R.
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rial No. .....
me of Work ..... From.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Number	L
	2	3	
(30)	providing and laying		
	30-35 mm Compacted th		
	qty wide mast		
	fandos-d exc		
			P
			P
	@ 6748.	01	

ENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8
r tack coat men -				
r sheet no (32)				
cal sheet -			4550.74 m²	
vecous qty -			46152.42	
	Total qty		50703.16 m²	
ent qty -			4550.74 m²	
			Rs 55,655.20	
m²				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357262

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

te	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(30) providing and laying DBM of 50-75 mm Compacted thickness qty wide mor sheet no (34) qanclosed excal sheet -					43.50 m³	
	prevecous qty -					755.58	
	Total qty					799.08 m³	
	present qty -					43.50 m³	
	@ 6748.01/m³						Rs 293,538.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3no (31)	providing and laying bituminous Concrete 30.40 mm Compacted thickness						
	qty vide msr sheet no (37)						
	of enclosed excel sheet.					144.72 m³	
	Pleveoces qty -					1249.44 m²	
	Total qty -					1394.16 m³	
	present qty.					144.72 m³	
	@ Rs 7623.89 / m³					Rs 1,03,329 =	

For KARTHIK ENTERPRISES

Authorised Signatory

M. A. R. 57
Measurem

erial No. .....
ame of Work ..... From.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

ate	Full description, etc, of work	Number	Lengt
	2	3	4
3no (32)	providing and laying of thermoplastic Compound 2.5 m		
	qty vide msr she		
	of enclosed excel s		
	prev		
			Dle
			Rs 569-10 /

Case
Rec 7/7/18
Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

For KARTHIK ENTE

Authorised Sig

A.O.E 2/7

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...SUREMENT BOOK

	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
...ing bituminous ...m compacted thickness ...ide msl sheet no (37) ...sed excel sheet.					144.72 m^3	
previous qty -					1249.44 m^3	
Total qty -					1394.16 m^3	
present qty.					144.72 m^3	
Rs 7623.89 / m^3					Rs 11,03,329=00	

For KARTHIK ENTERPRISES
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Authorised Signatory

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357263

Serial No. .... From .... To ....
Name of Work ....
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Item No. (32) Providing and laying of hot applied thermoplastic compound 2.5 mm thick - qty vide msl sheet no (38) of enclosed excel sheet					40.41 m^2	
	previous qty -					1029.14 -	
	Total qty					1069.55 m^2	
	present qty.					40.41 m^2	Rs 23,020=00
	Rs 569.10 / m^2				Total Amt Rs		~~58,91,867=00~~ 58.91.882-00

C&E
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Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

For KARTHIK ENTERPRISES
[illegible signature]
Authorised Signatory

[illegible signature] A.O. 2/7

Assistant Executive Engineer,
Kodigehalli Sub Division,

MEASUREMENT B

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Brea			
1	2	3	4	5	6	7	8

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 5891882-00

ಗಳಿಕೆ ಪಾಸು ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ. 253352-00

ಹಣಕಾಸಾಣೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 56,38,530-00

Rs Fifty Six lacky thirty eight thousand five hundred thirty only

ಚೆಕ್ ಮುಖಾಂತರ ಪಾವತಿಸಲಾಗಿದೆ

ಲೆಕ್ಕಾಧಿಕಾರಿ

ಸಹಾಯಕ ಅಭಿಯಂತರರು ಮತ್ತು ವಿಭಾಗ

ಬಿ. ಪಿ. ಎ.

ಬಾಟರ ಯಾಪನಪುರ ಎ

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Total Rs: 51410603-00

3rd & Part Bill Rs 45518721-00

4th & Part Bill Rs: 58,91,882-00

IT - 117838-00

Cess - 58919-00

CBF - 5892-00

LR - 70703-00

Adj - 253352-00

Cheque. 56,38,530-00

M. A. R.
Measu

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me of Work ..... From.....

me of Contractor of nature of Agency .....

te of commencement of work .....

ate	Full description, etc, of work	Number	L
	2	3	